

Message

From: Amoroso, Cathy [Amoroso.Cathy@epa.gov]
Sent: 7/27/2021 5:22:46 PM
To: Adams, Glenn [Adams.Glenn@epa.gov]
Subject: RE: EMDF ROD - bullets for Randall

Importance: High

EJ is not really addressed in the ROD. Here is the EJ evaluation:

Environmental justice is the fair treatment and meaningful involvement of all communities with respect to the planning, development, and siting of the preferred alternative for onsite CERCLA waste disposal. Environmental justice concerns have been raised regarding communities immediately north of the main Y-12 industrial area. Based on the proposed locations for alternatives, coupled with the proximities of these proposed locations when compared with surrounding communities, it was demonstrated that no community is disproportionately affected by the potential environmental consequences presented by the onsite alternatives.

Climate change – the only treatment of climate change is a discussion of GHG emission related to off site transportation and disposal vs on site disposal. There is no evaluation or discussion of resiliency to weather events or potential for increased rainfall or higher water tables, etc.

From: Amoroso, Cathy
Sent: Tuesday, July 27, 2021 1:08 PM
To: Adams, Glenn <Adams.Glenn@epa.gov>
Subject: EMDF ROD - bullets for Randall
Importance: High

“The EMDF D1 ROD is still under review but so far no EPA reviewers have found any show-stopper issues. The EPA Legal team is still working through ARARs and TDEC is still working through WAC issues with DOE (EPA is participating in these meetings). EPA HQ is suppose to give us their comments in early September and the plan remains to issue all EPA comments by Monday, September 27th.”

There are three significant items that are still being negotiated and will go into the D2 ROD. (D1 ROD has placeholder language.)

- Effluent limits for radionuclides in contaminated storm water discharges into Bear Creek are still being developed. DOE wants effluent limits to be no lower than 25% of the DOE DCS, and will use dilution and a very low fish consumption rate (6oz per year) to achieve this aim. The team is working to develop reasonable and protective effluent limits. It is yet to be determined whether DOE will allow the team to complete this task, or whether DOE will go forward with using dilution – in which case, as dispute may arise.
- Mercury management is still being discussed to try to find a way to comply with anti deg rules. A mercury management approach will go into the D2. Team is working on a solution that allows mercury discharges while complying with federal regulations. The issue is that Bear Creek is in non-attainment status for Hg due to elevated Hg in fish tissue, thereby invoking state and federal anti-degradation regs that do not allow for additional Hg loading.
- Waste Acceptance Criteria – TDEC and DOE are working on the WAC, which, when drafted, will be issued for public comment. The final WAC will go into the D2 ROD.

From: Amoroso, Cathy
Sent: Tuesday, July 27, 2021 10:14 AM
To: Froede, Carl <Froede.Carl@epa.gov>; Adams, Glenn <Adams.Glenn@epa.gov>
Subject: RE: D1 EMDF ROD Review - Status

I would add:

- Effluent limits are still being developed and will go into the D2
- Mercury management is still being discussed to try to find a way to comply with anti deg rules. A mercury management approach will go into the D2.

From: Froede, Carl <Froede.Carl@epa.gov>
Sent: Tuesday, July 27, 2021 10:07 AM
To: Amoroso, Cathy <Amoroso.Cathy@epa.gov>; Adams, Glenn <Adams.Glenn@epa.gov>
Subject: D1 EMDF ROD Review - Status
Importance: High

Good morning Cathy and Glenn,

Basically, I have finished going through the document and found **NO** show stoppers but I have some issues that DOE will need to address. I also have Bill O'Steen's comments and he has no show stoppers either.

I am still waiting on comments from Martha, SSS-folks, and TechLaw.

So, I would propose that you tell Chaffins/Blevins:

"The EMDF D1 ROD is still under review but so far no EPA reviewers have found any show-stopper issues. The EPA Legal team is still working through ARARs and TDEC is still working through WAC issues with DOE (EPA is participating in these meetings). EPA HQ is suppose to give us their comments in early September and the plan remains to issue all EPA comments by Monday, September 27th."

Hope this helps,

Carl